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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, No. 2 — **FEBRUARY, 1954**

Production of crude oil and gas from the oil and gas areas of Montana for the month of February, 1954, averaged 36,221 barrels daily, an increase of 5,392 barrels from the average January production of 30,829 barrels daily.

The nine refineries in the State processed 56,667 barrels of crude oil daily for the month of February, an increase of 4,000 barrels daily from the 52,667 processed daily during the month of January, 1954.

During February, 16 wells were completed, 8 oil, no gas wells, and 8 dry holes.

During December, the Commission issued 16 permits to drill new wells, a decrease of 6 from the 22 permits issued during January.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF FEBRUARY, 1954

IN STORAGE FEBRUARY 1st.	TOTAL
By Producers	274,029
By Transporters	376,445
By Refiners	316,561
TOTAL STORAGE	967,035
PRODUCED DURING MONTH	1,014,191
TOTAL	1,981,226
DISPOSITION:	
Refined in Montana	739,526
Shipped to Other States	289,459
Used for Fuel or Lost	17,163
TOTAL	1,046,148
IN STORAGE FEBRUARY 28th:	
By Producers	242,483
By Transporters	374,995
By Refiners	317,600
TOTAL STORAGE	935,078

WYOMING OIL IMPORTED

IN STORAGE FEBRUARY 1, 1954	298,188
FEB. RECEIPTS, MONTANA REFINERIES	845,681
REFINED	825,640
IN STORAGE FEBRUARY 28, 1954	318,229

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1954

Field	M. C. F.
Bears Den	
Bowdoin	374,673
Bowes	63,816
Box Elder	15,880
Cedar Creek	244,776
Cut Bank (includes Reagan)	1,465,894
Devon	
Dry Creek	391,601
Hardin	8,400
Keith Block	124,029
Kevin-Sunburst	112,069
Poplar Area	1,366
Utopia	82,870
Whitlash Area	115,432
TOTAL	3,000,806

Total withdrawals for February, 1953, were reported by Board of Railroad Commissioners as 2,916,090 M. C. F.

PRODUCERS REPORT
Month of February, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	3	.....	7,588	.....	6,709	.....	879
6	Big Wall	19	2,777	11,739	.....	11,429	.....	3,087
4	Border	8	.....	1,596	.....	1,596	.....	.....
10	Bowes	64	10,088	98,615	101,223	.....	.....	7,480
.....	Brady	.....	.....	.....	.....	.....	.....	.....
1	Cabin Creek	1	798	5,556	.....	4,421	1,136	797
17	Cat Creek	54	6,679	14,965	15,481	.....	.....	6,163
.....	Clark's Fork	.....	84	.....	.....	.....	.....	84
311	Cut Bank	1,068	131,012	211,128	223,067	.....	.....	119,073
1	Devil's Basin	1	325	232	.....	402	.....	155
3	Deer Creek	7	3,663	17,423	19,036	.....	790	1,260
5	Dry Creek	8	1,382	11,024	11,215	.....	.....	1,191
20	Elk Basin	58	12,005	135,469	139,974	.....	.....	7,500
2	Frannie	2	220	683	374	.....	.....	529
2	Gage	3	1,848	656	1,009	.....	.....	1,495
5	Glendive	13	5,064	59,171	59,237	.....	959	4.039
1	Golden Dome	1	247	1,321	.....	1,363	.....	205
1	Hardin Area	3	1,486	3,380	.....	4,078	.....	788
.....	Ivanhoe Dome	.....	207	.....	.....	.....	.....	207
222	Kevin-Sunburst	1,486	20,317	109,746	112,801	.....	104	17,158
1	Lake Basin	1	368	52	.....	.....	.....	420
1	Little Beaver	3	602	5,489	.....	5,262	.....	829
3	Melstone	6	2,181	9,425	.....	9,112	.....	2,494
3	Mosser	5	.....	904	.....	904	.....	.....
7	Pine Unit Area	8	4,660	21,801	.....	21,736	1,155	3,570
75	Pondera	309	10,141	56,667	59,406	.....	.....	7,402
27	Poplar Area	33	23,414	118,096	106,755	9,210	1,741	23,804
2	Ragged Point	3	2,697	1,233	.....	1,706	.....	2,224
.....	Rattlesnake Butte	.....	739	.....	.....	.....	.....	739
2	Reagan	32	3,569	16,920	17,366	.....	.....	3,123
5	Richey	10	4,386	10,340	.....	8,096	.....	6,630
.....	Sand Creek	.....	166	.....	.....	.....	.....	166
1	Sidney Area	1	2,240	5,029	.....	4,724	100	2,445
3	Southwest Richey	3	1,096	7,527	.....	7,366	139	1,118
3	Soap Creek	6	2,353	5,383	.....	5,763	111	1,862
11	Sumatra	32	8,778	47,336	.....	46,525	2	9,587
3	Sweet Grass Hills	3	427	650	.....	500	100	477
6	Whitlash	15	7,042	15,888	13,740	6,752	.....	2,438
.....	Wolf Point	.....	51	.....	.....	.....	.....	51
2	Woodrow	2	705	829	757	.....	.....	777
1	Yellowstone	1	212	330	.....	.....	306	236
768		3,272	274,029	1,014,191	881,441	157,654	6,643	242,482

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
January, 1954	955,704	30,829	906,205	29,232
February, 1954	1,014,191	36,221	1,039,095	37,110

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
January 31, 1954	274,029	376,445	614,749	1,265,223
February 28, 1954	242,483	374,995	635,829	1,253,307

*Includes Wyoming Oil.

REFINERS REPORT BY FIELDS
Month of February, 1954

	Location of Plant in Montana	Storage First of Month	Oil Received	Losses	Oil Refined	Month Storage End of
BIG WALL						
Farmers Union Cent. Exc., Inc.	Laurel	1,681	11,168	.....	12,135	714
BORDER						
The Texas Company	Sunburst	19	1,596	.....	470	1,145
CAT CREEK						
Continental Oil Co.	Billings	.....	8,562	.....	8,562	.....
Jet Fuel Refinery	Mosby	9,079	4,283	3	6,291	7,068
		9,079	12,845	.....	14,853	7,068
CUT BANK						
Big West Oil Co.	Kevin	.....	27,657	.....	27,657	.....
Phillips Petroleum Co.	Great Falls	.....	8,869	.....	8,869	.....
The Texas Company	Sunburst	125,114	100,140	.....	138,750	86,504
Union Oil Co. & Socony-Vacuum	Cut Bank	15,723	91,248	649	92,102	14,220
		140,837	227,914	649	267,378	100,724
DEVILS BASIN						
Farmers Union Cent. Exc., Inc.	Laurel	.....	402	.....	402	.....
DRY CREEK						
Farmers Union Cent. Exc., Inc.	Laurel	.....	12,637	16	8,008	4,613
ELK BASIN						
Carter Oil Co.	Bilings	.....	68,532	.....	68,532	.....
Continental Oil Co.	Billings	.....	17,047	.....	17,047	.....
		.....	85,579	.....	85,579	.....
GAGE						
Farmers Union Central Exc., Inc.	Laurel	.....	1,037	.....	1,037	.....
GLENDIVE AREA						
Farmers Union Central Exc., Inc.	Laurel	.....	56,098	.....	47,445	8,653
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	14,510	41,870	.....	26,811	29,569
The Texas Company	Sunburst	83,336	70,079	.....	51,208	102,207
		97,846	111,949	.....	78,019	131,776
MELSTONE						
Farmers Union Cent. Exc., Inc.	Laurel	1,193	9,622	.....	10,102	713
MOSSER						
Farmers Union Cent. Exc., Inc.	Laurel	.....	904	.....	904	.....
PONDERA						
Phillips Petroleum Co.	Great Falls	10,851	59,402	.....	60,541	9,712
POPLAR AREA						
Carter Oil Co.	Billings	27,778	57,944	.....	47,982	37,740
Modern Oil Co.	Shelby	.....	7,663	35	6,436	1,198
		27,778	65,613	35	54,418	38,938
RAGGED POINT						
Farmers Union Cent. Exc., Inc.	Laurel	.....	1,736	.....	1,736	.....
REAGAN						
Union Oil Co.	Cut Bank	.....	17,366	.....	17,366	.....
SUMATRA						
Farmers Union Cent. Exc., Inc.	Laurel	5,942	46,022	.....	49,109	2,855
SWEET GRASS HILLS						
Big West Oil Co.	Kevin	.....	500	.....	500	.....
The Texas Company	Sunburst	21,335	13,209	.....	23,855	10,689
Union Oil Company	Cut Bank	.....	4,973	.....	4,973	.....
		21,335	18,682	.....	29,328	10,689
RICHEY AREA						
Union Oil Company	Cut Bank	.....	696	.....	696	.....
TOTAL MONTANA OIL		316,561	741,268	703	739,526	317,600
OIL FROM WYOMING						
Carter Oil Co.	Billings	82,155	410,288	.....	416,136	76,307
Continental Oil Co.	Billings	139,371	229,323	.....	197,856	170,838
Farmers Union Cent. Exc., Inc.	Laurel	76,662	206,070	.....	211,648	71,084
TOTAL WYOMING OIL		298,188	845,681	.....	825,640	318,229
TOTAL MONTANA & WYOMING OIL		614,749	1,586,949	703	1,565,166	635,829

	Average Barrels Per Day			Percent of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year, 1953	20,540	33,183	53,723	38.2	61.8
February, 1953	20,392	30,850	51,242	39.8	60.2
February, 1954	26,474	30,203	56,677	46.7	53.3

TRANSPORTATION REPORT
Month of February, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO		Connecting Carriers	Storage End of Month
		From Producers and Connecting Pipeline	Truck	Carrier		Montana	Other States		
ASH CREEK									
Trucks			6,709				6,709		
BIG WALL									
Trucks	1,935		11,429			11,168			2,196
BORDER									
Trucks			1,596			1,596			
BOWES									
Northern Pump	1,846	33,674			595		32,588		2,337
The Texas Company		67,549					67,549		
	1,846	101,223			595		100,137		2,337
CABIN CREEK									
Shell Oil Co.			4,421				4,421		
CAT CREEK									
Continental Pipe Line Co.	3,769	11,198			83	8,349			6,535
Wm. Hanlon		4,284				4,284			
	3,769	15,482			83	12,633			6,535
CUT BANK									
Darling Gathering System	4,911	28,435				30,876			2,470
Phillips Petroleum Co.	65,360	49,773		3,299	1,221	8,876		21,913	86,422
Texas Pipe Line Co.	87,838	47,252		58,118	663	96,865		19,156	76,524
Toronto Pipe Line Co.	21,304	61,790			195			57,598	25,301
Union Oil Co.	81,256	36,766		37,250	1,148	91,248			62,876
	260,669	224,016		98,667	3,227	227,865		98,667	253,593
DEVILS BASIN									
Trucks			402			402			
DRY CREEK									
Ohio Oil Co.	9,137	11,388			(6)	12,646			7,885
ELK BASIN									
Ohio Oil Co.		139,974				85,579	54,395		
FRANNIE									
Ohio Oil Co.		374					374		
GAGE									
Northern Pump Co.	424	1,008				1,037			395
GLENDIVE AREA									
Texas Pipe Line Co. & Trucks	4,817	78,734			(914)	56,097	17,886		10,482
GOLDEN DOME									
Truck			1,363				1,363		
HARDIN AREA									
Truck			4,078				4,078		
KEVIN-SUNBURST									
Big West Oil Co.	2,985	42,118				42,704			2,399
Homestake Oil & Gas Co.	1,585	4,084				4,965			704
Texas Pipe Line Co.	27,859	64,286		1,951	656	65,114			28,326
Anna Aronow	343	1,717						1,951	109
	32,772	112,205		1,951	656	112,783		1,951	31,538
LITTLE BEAVER									
Shell Oil Co.			5,262				5,262		
MELSTONE									
Trucks	1,270		9,112			9,622			760
MOSSER									
Trucks			904			904			
PINE UNIT AREA									
Shell Oil Co.			21,736				21,736		
PONDERA									
Phillips Petroleum Co.	51,567	59,235			525	59,470			50,807
POPLAR AREA									
East Poplar Gathering System	4,572	83,969			636	68,290	15,849		3,766
Plastic Service Lines, Inc.		22,786					22,786		
Trucks			9,210				9,210		
	4,572	106,755	9,210		636	68,290	47,845		3,766
RAGGED POINT									
The Texas Company			1,706		(30)	1,736			
REAGAN									
Union Oil Co.		17,366				17,366			
RICHEY AREA									
Shell Oil Co. & Trucks			8,096			696	7,400		
SIDNEY AREA									
Trucks			4,724				4,724		
SOAP CREEK									
Trucks			5,763				5,763		
SOUTHWEST RICHEY									
Shell Oil Co.			7,366				7,366		
SUMATRA AREA									
Trucks	2,213		46,525			46,022			2,716
SWEET GRASS HILLS									
Trucks	1,454	13,740	7,252			20,461			1,985
GRAND TOTAL	376,445	881,500	157,654	100,618	4,772	746,373	289,459	100,618	374,995